

12/28/01



JC965 U.S. PTO

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. YOR92001-0553 (8728-537)

First Inventor JINGMIN HE

Title RELATIONAL DATABASE MANAGEMENT...

Express Mail Label No. EL922712166US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
3. <input checked="" type="checkbox"/> Specification [Total Pages 22]	a. <input type="checkbox"/> Computer Readable Form (CRF)
- Descriptive title of the invention	b. Specification Sequence Listing on:
- Cross Reference to Related Applications	i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or
- Statement Regarding Fed sponsored R & D	ii. <input type="checkbox"/> paper
- Reference to sequence listing, a table, or a computer program listing appendix	c. <input type="checkbox"/> Statements verifying identity of above copies
- Background of the Invention	
- Brief Summary of the Invention	
- Brief Description of the Drawings (if filed)	
- Detailed Description	
- Claim(s)	
- Abstract of the Disclosure	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 3]	9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))
5. Oath or Declaration [Total Pages]	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of (when there is an assignee) <input type="checkbox"/> Attorney
a. <input type="checkbox"/> Newly executed (original or copy)	11. <input type="checkbox"/> English Translation Document (if applicable)
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)	12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	13. <input type="checkbox"/> Preliminary Amendment
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:	15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)
<input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)	16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
Prior application information.	17. <input type="checkbox"/> Other:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)			or <input type="checkbox"/> Correspondence address below
Name				
F. CHAU & ASSOCIATES, LLP				
1900 Hempstead Turnpike, Suite 501				
Address	City	State	Zip Code	Telephone
East Meadow	East Meadow	New York	11554	(516) 357-0091
Country	U.S.A.	Telephone	Fax	(516) 357-0092
Name (Print/Type)	Juan C. Villar		Registration No. (Attorney/Agent)	34,271
Signature	<i>Juan C. Villar</i>		Date	28 DEC 01

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FEE TRANSMITTAL

for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 740.00)

Complete if Known

Application Number	
Filing Date	December 28, 2001
First Named Inventor	JINGMIN HE
Examiner Name	
Group Art Unit	
Attorney Docket No.	YOR92001-0553 (8728-537)

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 50-0510/IBM

Deposit Account Name IBM/Yorktown Heights

 Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17 Applicant claims small entity status
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	\$740.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$ 740.00)

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	14	-20** = 0 x 18 = \$0	
Independent Claims	2	- 3** = 0 x \$84 = \$0	
Multiple Dependent			\$280 = 0

**or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103	18	203 9 Claims in excess of 20
102	80	202 40 Independent claims in excess of 3
104	270	204 135 Multiple dependent claim, if not paid
109	80	209 40 ** Reissue independent claims over original patent
110	18	210 9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0.00)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

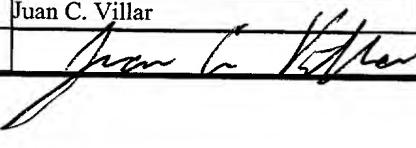
Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Juan C. Villar	Registration No. (Attorney/Agent)	34,271	Telephone	(516) 357-0091
Signature				Date	28/08/01

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

ATTORNEY DOCKET: YOR92001-0553 (8728-537)
Date: December 28, 2001
Express Mail Label: EL922712166US
Date of Deposit: December 28, 2001

Transmitted herewith for filing is the Patent Application of:

Inventors: Jingmin He, Sriram Padmanabhan, Min Wang

For: RELATIONAL DATABASE MANAGEMENT ENCRYPTION SYSTEM

Enclosed are: 18 sheets of specification; 1 sheet(s) of Abstract; 3 sheet(s) of claims; 3 sheet(s) of drawing(s);

An assignment of the invention to: International Business Machines Corporation, Armonk, New York, with Recordation Form.

Declaration and Power of Attorney.

A certified copy of _____ from which priority under Title 35 USC §119 is claimed.

Associate Power of Attorney.

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR:	NO. FILED	NO. EXTRA
<u>BASIC FEE</u>		
<u>TOTAL CLAIMS</u>	14 - 20 =	0
<u>INDEP CLAIMS</u>	2 - 3 =	0
<u>MULTIPLE DEPENDENT CLAIMS PRESENTED</u>		

If the difference in Col. 1 is less than zero, enter "0" in Col. 2.

OTHER THAN A SMALL ENTITY	
RATE	Fee
	\$740.00
X \$18 =	0
X \$84 =	0
+ 280 =	
TOTAL	\$ 740.00

A check in the amount of \$ _____ to cover the filing fee(s), recording fee is enclosed.

Please charge my Deposit Account No. 50-0510/IBM (Yorktown Heights) in the amount of \$740.00.

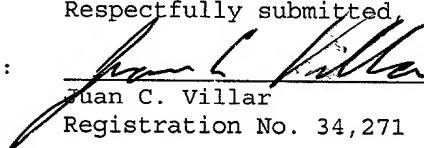
The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0510/IBM (Yorktown Heights). A duplicate copy of this sheet is enclosed.

Any additional filing fees required under 37 CFR 1.16.

Any patent application processing fees under 35 CFR 1.17.

Respectfully submitted,

By:


Juan C. Villar

Registration No. 34,271

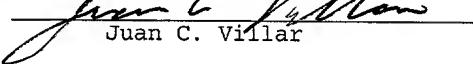
Please address all correspondence to:

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Intellectual Property Law Dept.
P.O. Box 218
Yorktown Heights, NY 10598

CERTIFICATION UNDER 37 C.F.R. §1.10

I hereby certify that this Application transmittal and documents referred to as enclosed are being deposited with the United States Postal Service on this date December 28, 2001 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EL922712166US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.


Juan C. Villar